

Track spotlights

S3-4212H

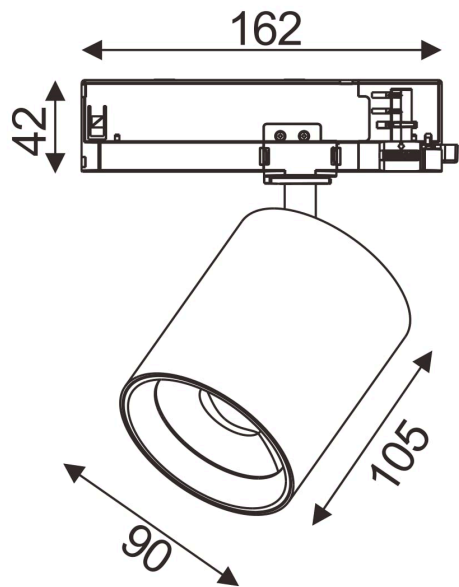
Track spotlight



Track spotlight. 30 W. Five beam angles, 10° to 50°. — LED source: Citizen
3000, 4000 K. 97 CRI.

Power 30 W	Luminous flux 2900–3000 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 10°, 15°, 24°, 36°, 50°	IP rating IP20
Certifications CE, RoHS, EMC, LVD	Mounting Magnetic track	Control DALI, 0-10V, Triac, Casambi
Finishes White, Black, Grey		

Dimensions



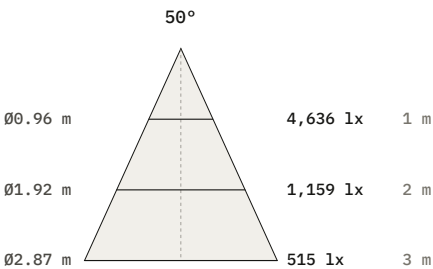
Models

Code	Version	Power	Flux	CRI	Size	Beam
S3-4212H	Lens	30 W	2900–3000 lm	97 CRI	90 × 105 mm	10° 15° 24° 36° 50°

Photometric data

Illuminance on the beam axis (lx) and beam diameter at each mounting distance, per model and beam angle. IES files for every model and beam can be downloaded from the product page.

30 W

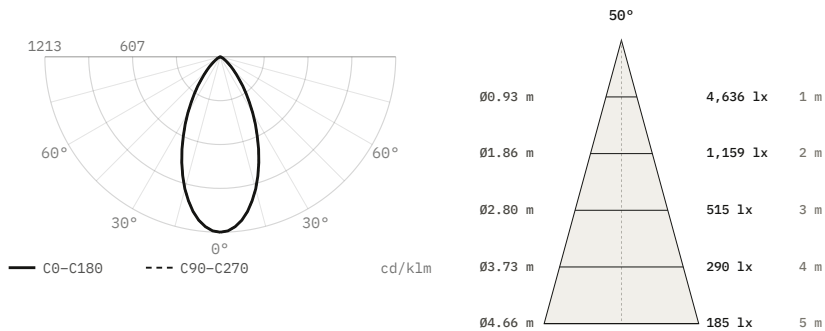


Beam	1 m	2 m	3 m
50°	4,636 lx Ø960 mm	1,159 lx Ø1920 mm	515 lx Ø2870 mm

Photometry

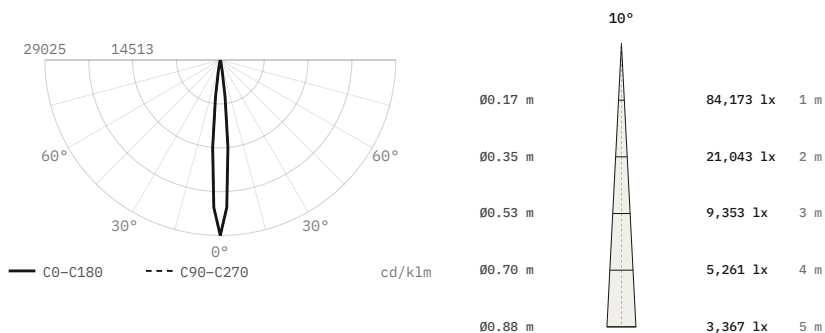
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for S3-4212H, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

S3-4212H, 30 W, 50° beam



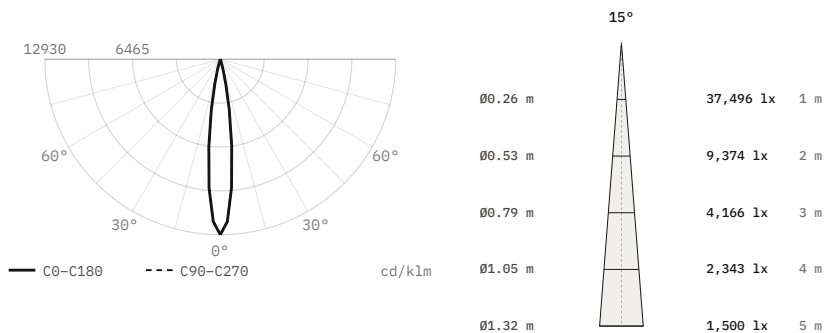
Luminous flux	3,822 lm
Efficacy	127 lm/W
Peak intensity	4,636 cd, 1,213 cd/klm
Beam angle (50%)	50°
Field angle (10%)	91.1°
Cut-off angle (2.5%)	57.5°
Flux 0–30° / 30–60° / 60–90°	64.8 / 33.6 / 1.5 %
Size	105 × 90 mm
Data	Calculated from catalogue data

S3-4212H, 30 W, 10° beam



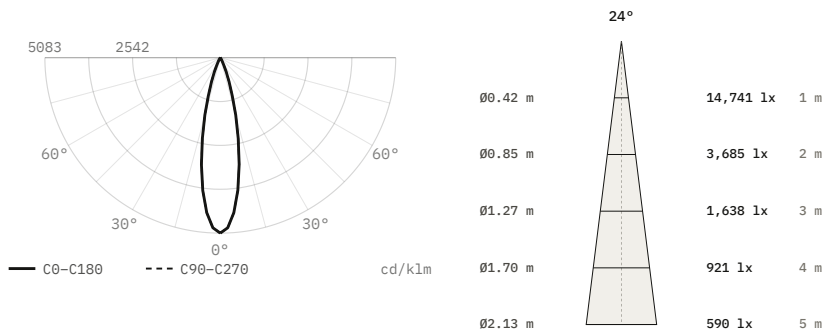
Luminous flux	2,900 lm
Efficacy	97 lm/W
Peak intensity	84,173 cd, 29,025 cd/klm
Beam angle (50%)	10°
Field angle (10%)	18.2°
Cut-off angle (2.5%)	11.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	105 × 90 mm
Data	Calculated from catalogue data

S3-4212H, 30 W, 15° beam



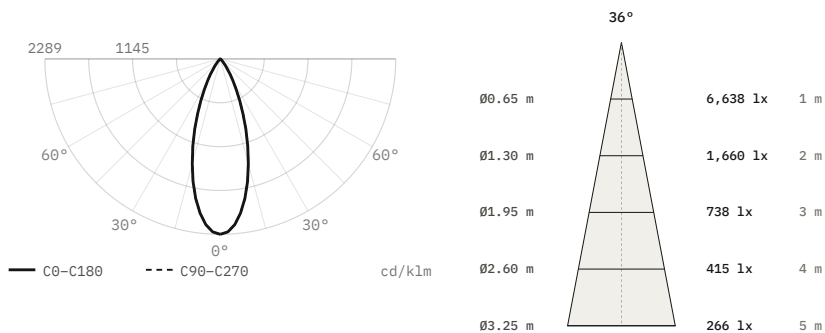
Luminous flux	2,900 lm
Efficacy	97 lm/W
Peak intensity	37,496 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	105 × 90 mm
Data	Calculated from catalogue data

S3-4212H, 30 W, 24° beam



Luminous flux	2,900 lm
Efficacy	97 lm/W
Peak intensity	14,741 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	105 × 90 mm
Data	Calculated from catalogue data

S3-4212H, 30 W, 36° beam



Luminous flux	2,900 lm
Efficacy	97 lm/W
Peak intensity	6,638 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	105 × 90 mm
Data	Calculated from catalogue data

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Technical data may change without notice.